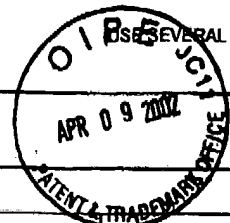


FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
DAV151.001APCAPPLICATION NO.
10/000,919INFORMATION DISCLOSURE STATEMENT
BY APPLICANTAPPLICANT
Panaccio et al.FILING DATE
November 13, 2001GROUP
UNKNOWN

1645



USE SEVERAL SHEETS IF NECESSARY)

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>[initials]</i>	PCT WO 97/20060	June 5, 1997	<i>[initials]</i>	<i>[initials]</i>	<i>[initials]</i>		
<i>[initials]</i>	PCT WO 96/39629	Dec. 12, 1996	<i>[initials]</i>	<i>[initials]</i>	<i>[initials]</i>		

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER INITIAL	
<i>[initials]</i>	1. Boye et al., SPECIFIC DETECTION OF LAWSONIA INTRACELLULARIS IN PORCINE PROLIFERATION ENTEROPATHY INFERRED FROM FLUORESCENT rRNA IN SITU HYBRIDIZATION, Vet Pathol 35:153-156 (1998)

L:\DOCS\UJAH-5719.DOC-lloupe
040302

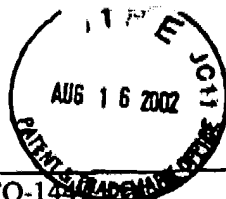
EXAMINER

[Signature]

DATE CONSIDERED

8/30/04

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.



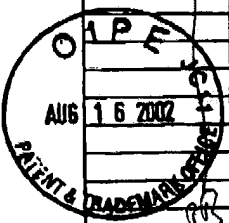
Form PTO-144		Docket Number (Optional) 3153.00184/PC10563A		Application Number 10/009,919	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)					
Applicant Panaccio et al.		Filing Date 11/13/01		Group Art Unit Unknown 1645	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[initials]</i>	4,016,043	↕	↕	↕	↕	RECEIVED FEB 07 2003 TECH CENTER 1600/2900
<i>[initials]</i>	4,424,279	↕	↕	↕	↕	
<i>[initials]</i>	4,018,653	↕	↕	↕	↕	

FOREIGN PATENT DOCUMENTS							
	DOCKET NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>[initials]</i>	PCT/US96/09576	↕	↕	↕	↕		
<i>[initials]</i>	PCT/AU96/00767	↕	↕	↕	↕		

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)	
<i>[initials]</i>	Altuvia, Y. et al., <i>J. Mol. Biol.</i> , 249:244-250 (1995).
<i>[initials]</i>	Amann and Brosius, <i>Gene</i> , 40:183 (1985).
<i>[initials]</i>	Anderson, B.J. et al., <i>Journal of Bacteriology</i> , 160:748-754 (1984).
<i>[initials]</i>	Ausubel, F.M. et al., <i>Current Protocols in Molecular Biology</i>, ISBN 047150938 (1987).
<i>[initials]</i>	Barker, I.K. et al., "Pathology of Domestic Animals," 3 rd Edition, Vol. 2, 1-37, eds., K.V.F. Jubb, P.C. Kennedy, and N. Palmer (Academic Press: Orlando) (1985).
<i>[initials]</i>	Basaraba, R.J., Byerly, A.N. Stewart, G.C., Mosier, D.A. Fenwick, B.W., Chengappa, M.M., and Laegreid, W.W., "Actin enhances the haemolytic activity of <i>Escherichia coli</i> ," <i>Microbiology</i> , 144:1845-1852 (1998).
<i>[initials]</i>	Cole, et al., "Monoclonal antibodies in cancer therapy," <i>Alan R. Bliss Inc.</i>, 77-96 (1985).
<i>[initials]</i>	Dayhof, M.D. <i>Nat. Biomed. Res. Found.</i>, Vol. 5, Supp. 3 (1978).
<i>[initials]</i>	DeGroot, A.S. et al., <i>Vaccines</i> , 96, Cold Spring Harbor Laboratory, Cold Spring Harbor, NY (1995).
	Devereux, J. et al., <i>Nucl. Acids Res.</i> , 12:387-395 (1984).
	Elwell, M.R. et al., <i>Veterinary Pathology</i> , 18:136-139 (1981).
	Fox, J.G. et al., <i>Veterinary Pathology</i> , 26:515-517 (1989).
	Gabriel, E. et al., <i>Vaccines</i>, 95 (1995).
	Gebhart, C.J. et al., <i>American Journal of Veterinary Research</i> , 44:361-367 (1983).
	Gish, W. et al., <i>Nature Genetics</i> , 3:266-272 (1993).
	Goodman et al., <i>Biopolymers</i> , 26:525-532 (1987).
	Huse et al., <i>Science</i> , 246:1275-1281 (1989).
	Jones et al., <i>Am. J. Vet. Res.</i> , 58:1125-1131 (1997).
	Jonsson, L. et al., <i>Acta Veterinaria Scandinavica</i> , 17:223-232 (1976).
	Kohler and Milstein, <i>Nature</i> , 256:495-499 (1975).
	Kozbor et al., <i>Immunol. Today</i> , 4:72 (1983).
	Lawson et al., <i>Journal of Clinical Microbiology</i> , 31:1136-1142 (1993).
	Love, R.J. et al., <i>Veterinary Record</i> , 100:473 (1977).
	Margalit, H. et al., <i>J. Immunol.</i> , 138:2213-2229 (1987).
	Mason, R.W. et al., <i>Australian Veterinary Journal</i> (1998).
	McOrist, S., et al., <i>The Veterinary Record</i> , 121:421-422 (1987).
<i>[initials]</i>	McOrist, S. et al., <i>Infection and Immunity</i> , 61:4286-4292 (1993).

8/16/02 Page 2 of 2 16,009,919



RECEIVED
FEB 17 2003
TECH CENTER 1600/2900

2A	McOrist, S. et al., <i>International Journal of Systematic Bacteriology</i> , 45:820-925 (1995).
2B	McPherson, M.J. et al., <i>A Practical Approach</i> , 1-253 (1991).
	Meister et al., <i>Vaccine</i> , 13:581-591 (1995).
	Mierke et al., <i>Int. J. Peptide Protein Research</i> , 35:35-45 (1990).
	Mohapatra, S.S. et al., <i>Allergy</i> , 50:37-44 (1995).
	Needleman and Wunsch, <i>J. Mol. Biol.</i> , 48:443-453 (1970).
	O'Neil, I., P.A., <i>Veterinary Record</i> , 87:742-747 (1970).
	Nollau, P., Moser, C. Wagener, <i>BioTechniques</i> , 20:784-788 (1996).
	Parker, K.C. et al., <i>J. Immunol.</i> , 152:163-175 (1994).
	Portoghese et al., <i>J. Med. Chem.</i> , 33:1714-1720 (1990).
	Reinhartz, A. et al., <i>Gene</i> , 136:221-226 (1993).
	Rowland, A.C. et al., <i>Veterinary Record</i> , 97:178-180 (1976).
	Sambrook, J. et al., <i>Molecular Cloning. A laboratory manual</i> , Second edition, Cold Spring Harbor Laboratory, Cold Spring Harbor, N.Y. (1989).
	Schodeb, T.R. et al., <i>Veterinary Pathology</i> , 27:73-80 (1990).
	Shimatake and Rosenberg, <i>Nature</i> , 292:128 (1981).
	Stills, H.F., <i>Infection and immunology</i> , 59:3227-3236 (1991).
	Straw, B.E., <i>Journal of American Veterinary Medical Association</i> , 197:355-357 (1990).
	Studier and Moffat, <i>J. Mol. Biol.</i> , 189:113 (1986).
	Thompson, J.D. et al., <i>Nucl. Acids Res.</i> , 22:4673-4680 (1994).
	Vajda, S. et al., <i>Biopolymers</i> , 29:1755-1772 (1990).
	Van Regenmortel, "Molecular dissection of protein antigens," <i>Structure of antigens</i> , 1-27 (1992).

EXAMINER	<u>Padma Bellar</u>	DATE CONSIDERED	8/30/09
----------	---------------------	-----------------	---------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.